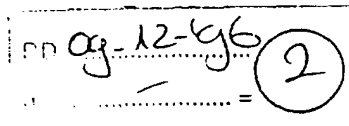


XP-002126702



L102 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 1999 ACS

AN 1996:686718 HCAPLUS

DN 125:302861

TI Heat-, impact- and weather-resistant thermoplastic polymer compositions
and ***automobile*** ***interior*** parts therefrom

IN Noguchi, Tetsuhisa; Niimura, Tetsuya

PA Denki Kagaku Kogyo Kk, Japan

SO Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM ***C08L067-02***

ICS ***C08L067-02*** ; ***B60R013-02*** ; B62D029-04; C08L025-04;
C08L035-06; ***C08L055-02***

CC 38-3 (Plastics Fabrication and Uses)

Section cross-reference(s): 37

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08225723	A2	19960903	JP 1995-32054	19950221
AB	<p>The compns. comprise (A) 20-50% arom. ***polyesters***, (B) 20-40% polymers prepd. by polymn. of 30-90 parts mixts. of arom. vinyl compds. 50-80, vinyl cyanides 20-50, and polymerizable vinyl monomers 0-20% in the presence of 10-70 parts ***rubbers***, (C) 5-40% copolymers of arom. vinyl compds. 45-80, vinyl cyanides 0-50, and polymerizable vinyl monomers 0-55%, (D) 0.5-10% copolymers of epoxy group-substituted vinyl compds. 0.5-5, maleic anhydride-substituted vinyl compds. 1-15, arom. vinyl compds. 45-80, vinyl cyanides 0-50, and polymerizable vinyl compds. 0-50%, (E) 0-20% inorg. fillers, and (F) 0.1-10% weather-resistant agents. ***Poly*** (***butylene*** ***terephthalate***) (Novadur 5020S) 40, 100:30:70 butadiene- ***acrylonitrile*** (I)- ***styrene*** graft copolymer 35, 25:75 I- ***styrene*** copolymer 8.5, 10:55:35 I- ***styrene*** -N-phenylmaleimide copolymer 10, 25:74:1 I- ***styrene*** -glycidyl methacrylate copolymer 5, and LA 36 (benzotriazole) 1.5 parts were mixed, extruded, pelletized, and injection-molded to give test pieces showing heat distortion temp. 118.degree., good retention of color on exposure to a carbon arc weatherometer for 100 h, and good impact resistance.</p>				
ST	<p>***polyester*** ***rubber*** grafted vinyl polymer ***blend*** ; ***acrylonitrile*** graft copolymer ***polyester*** ***blend*** ; butadiene graft copolymer ***polyester*** ***blend*** ; ***styrene*** graft copolymer ***polyester*** ***blend*** ; glycidyl methacrylate copolymer ***polyester*** ***blend*** ; ***polybutylene*** ***terephthalate*** ***blend*** ***automobile*** ***interior*** part; weather resistance plastic ***automobile*** ***interior*** part; heat resistance plastic ***automobile*** ***interior*** part; impact resistance plastic ***automobile*** ***interior*** part</p>				
IT	<p>Plastics RL: TEM (Technical or engineered material use); USES (Uses) (***blends*** of ***polyesters*** with ***rubber*** -grafted vinyl polymers for heat-, impact- and weather-resistant compns. for ***automobile*** ***interior*** parts)</p>				
IT	<p>***Polyesters***, uses RL: POF (Polymer in formulation); PRP (Properties); TEM (Technical or engineered material use); USES (Uses) (***blends*** with ***rubber*** -grafted vinyl polymers; heat-, impact- and weather-resistant thermoplastic polymer compns. for ***automobile*** ***interior*** parts)</p>				
IT	<p>Heat-resistant materials</p>				

Impact-resistant materials
 (heat-, impact- and weather-resistant thermoplastic polymer compns. for
 automobile ***interior*** parts)

IT ***Automobiles***
 (parts, heat-, impact- and weather-resistant thermoplastic polymer
 compns. for)

IT 3896-11-5, LA 36
 RL: MOA (Modifier or additive use); USES (Uses)
 (LA 36, UV absorber; heat-, impact- and weather-resistant thermoplastic
 polymer compns. for ***automobile*** ***interior*** parts
 contg.)

IT 14807-96-6, Microace P-4, uses
 RL: MOA (Modifier or additive use); USES (Uses)
 (Microace P-4, filler; heat-, impact- and weather-resistant
 thermoplastic polymer compns. for ***automobile*** ***interior***
 parts contg.)

IT ***29762-66-1P***
 RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP
 (Preparation); USES (Uses)
 (***blends*** with ***polyesters*** and ***rubber***
 -grafted vinyl polymers; heat-, impact- and weather-resistant
 thermoplastic polymer compns. for ***automobile*** ***interior***
 parts)

IT ***9003-54-7P*** , ***Acrylonitrile*** - ***styrene*** copolymer
 31621-07-5P , ***Acrylonitrile*** -N-phenylmaleimide-
 styrene copolymer
 RL: IMF (Industrial manufacture); MOA (Modifier or additive use); POF
 (Polymer in formulation); TEM (Technical or engineered material use); PREP
 (Preparation); USES (Uses)
 (***blends*** with ***polyesters*** and ***rubber***
 -grafted vinyl polymers; heat-, impact- and weather-resistant
 thermoplastic polymer compns. for ***automobile*** ***interior***
 parts)

IT ***106677-58-1P*** , ***Acrylonitrile*** -butadiene- ***styrene***
 graft copolymer
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP
 (Properties); TEM (Technical or engineered material use); PREP
 (Preparation); USES (Uses)
 (***blends*** with ***polyesters*** ; heat-, impact- and
 weather-resistant thermoplastic polymer compns. for ***automobile***
 interior parts)

IT 24968-12-5, Novadur 5020S ***26062-94-2*** , Butylene
 glycol-terephthalic acid copolymer
 RL: POF (Polymer in formulation); PRP (Properties); TEM (Technical or
 engineered material use); USES (Uses)
 (***blends*** with ***rubber*** -grafted vinyl polymers; heat-,
 impact- and weather-resistant thermoplastic polymer compns. for
 automobile ***interior*** parts)